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PATENT
ATTORNEY DOCKET: 62781.000004

1634
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 09/550,605 Confirmation No.: 1231
Applicant : Leif ANDERSSON et al.
Filed : April 17, 2000
Title : METHODS FOR DETERMINING COAT COLOUR
GENOTYPES IN PIGS
TC/Art Unit : 1634
Examiner: : Jehanne E. Souaya

Docket No. : 62781.000004
Customer No. : 21967

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting herewith copies of the references listed on the attached Form PTO-SB/08A (modified) for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

Additionally, Applicants wish to inform the Examiner of the existence of the following formerly co-pending U.S. patent application 09/014,241, now U.S. Patent 6,183,955, entitled "Methods for Determining the Coat Color Genotype of a Pig."

Applicants respectfully point out that the submission of the listed references in this Information Disclosure Statement is not an admission that they are prior art or that they are material to patentability of any claims of the application. Also, the submission of this Information Disclosure Statement is not an indication that a search has been made.

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Consideration of the foregoing plus the prompt return of a copy of the enclosed Form SB/08A with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

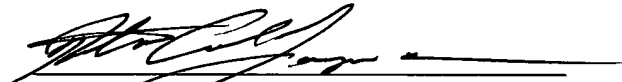
Applicants believe that this Information Disclosure Statement is being provided before the mailing date of an office action closing prosecution in the application. In accordance with 37 C.F.R. § 1.97(c), Applicants provide herewith the fee specified by 37 C.F.R. § 1.17(p). In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any difference to the undersigned's Deposit Account No. 50-0206.

Respectfully submitted,

HUNTON & WILLIAMS LLP

Dated: November 19, 2003

By:


Robert C. Lampe, III
Registration No. 51,914

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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Sheet

of

3

Application Number

09/550,605

Filing Date

April 17, 2000

First Named Inventor

L if ANDERSSON et al.

Art Unit

1634

Examiner Name

Jehanne E. Souaya

Attorney Docket Number

62781.000004

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US- 6,183,955 B1	02-06-2001	Andersson et al.	
	2.	US- 5,545,533	08-13-1996	Bartke et al.	
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FOREIGN PATENT DOCUMENTS

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		Country Code:	Number - Kind Code (if known)				YES	NO
	3.	PCT	WO 92/18651 A1	10-29-1992	Rothchild et al.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
	4.	PCT	WO 93/10136 A1	05-27-1993	Lemischka		<input type="checkbox"/>	<input checked="" type="checkbox"/>
	5.	PCT	WO 96/41892 A1	12-27-1996	Mileham et al.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
	6.	PCT	WO 99/20795 A1	04-29-1999	Andersson et al.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/550,605
				Filing Date	April 17, 2000
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				Examiner Name	Jehanne E. Souaya
Sheet	2	of	3	Attorney Docket Number	62781.000004

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	7.	ANDERSSON et al., "Genetic Mapping of Quantitative Trait Loci for Growth and Fatness in Pigs," Science, vol. 263, March 25, 1994, pp. 1771-1774	<input type="checkbox"/>	<input type="checkbox"/>
	8.	BERNSTEIN et al., "The mouse Wlc-kit locus," Molecular Control of Haemopoiesis, Ciba Foundation Symposium 148, Published by John Wiley & Sons, 1990, pp. 158-172	<input type="checkbox"/>	<input type="checkbox"/>
	9.	BESMER et al., "A new acute transforming feline retrovirus and relationship of its oncogene v-kit with the protein kinase gene family," Nature, vol. 320, Articles, April 3, 1986, pp. 415-421	<input type="checkbox"/>	<input type="checkbox"/>
	10.	CHABOT et al., "The proto-oncogene c-kit encoding a transmembrane tyrosine kinase receptor maps to the mouse W locus," Nature, vol. 335, Letters to Nature, September 1988, pp. 88-89	<input type="checkbox"/>	<input type="checkbox"/>
	11.	De SEPULVEDA et al., "Instability at the W/c-kit locus in mice: analysis of melanocyte cell lines derived from reversion spots," Oncogene, vol. 9, 1994, pp. 2655-2661	<input type="checkbox"/>	<input type="checkbox"/>
	12.	EZASHI et al., "The gene for the Beta subunit of porcine LH: clusters of GC boxes and CACCC elements," Journal of Molecular Endocrinology, vol. 5, 1990, pp. 137-146	<input type="checkbox"/>	<input type="checkbox"/>
	13.	FLEISCHMAN et al., "Deletion of the c-kit protooncogene in the human developmental defect piebald trait," Proc. Natl. Acad. Sci., vol. 88, December 1991, pp. 10885-10889	<input type="checkbox"/>	<input type="checkbox"/>
	14.	GIEBEL et al., "Organization and nucleotide sequence of the human KIT (mast/stem cell growth factor receptor) proto-oncogene," Oncogene, vol. 7, 1992, pp. 2207-2217	<input type="checkbox"/>	<input type="checkbox"/>
	15.	GEISLER et al., "The dominant-white spotting (W) locus of the mouse encodes the c-kit Proto-Oncogene," Cell, vol. 55, October 1998, pp. 185-192	<input type="checkbox"/>	<input type="checkbox"/>
	16.	GOKKEL et al., "Structural organization of the murine c-kit proto-oncogene," Oncogene, vol. 7, 1992, pp. 1423-1429	<input type="checkbox"/>	<input type="checkbox"/>
	17.	JOHANSSON et al., "The Gene for Dominant White Color in the Pig is Closely Linked to ALB and PDGFRA on Chromosome 8," Genomics 14, 1992, pp. 965-969	<input type="checkbox"/>	<input type="checkbox"/>

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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
	18.	KATO et al., "The gene for the common alpha subunit of porcine pituitary glycoprotein hormone," Journal of Molecular Endocrinology, vol. 7, 1991, pp. 27-34	<input type="checkbox"/>	<input type="checkbox"/>
	19.	NOCKA et al., "Molecular bases of dominant negative and loss of function mutations at the murine c-kit/white spotting locus: W37, Wv, W41 and W, The EMBO Journal, vol. 9, no. 6, 1990, pp. 1805-1813	<input type="checkbox"/>	<input type="checkbox"/>
	20.	ROHRER et al., "A Microsatellite Linkage Map of the Porcine Genome," Genetics, vol. 136, January 1994, pp. 231-245	<input type="checkbox"/>	<input type="checkbox"/>
	21.	COPPIETERS et al., "Characterization of Porcine Polymorphic microsatellite loci," Animal Genetics, 24, 1993, pp. 163-170	<input type="checkbox"/>	<input type="checkbox"/>
	22.	ELLEGREN et al., "Assignment of 20 Microsatellite Markers to the Porcine Linkage Map," Genomics, 16, 1993, pp. 431-439	<input type="checkbox"/>	<input type="checkbox"/>
	23.	PCT International Preliminary Examination Report for PCT/GB98/03081	<input type="checkbox"/>	<input type="checkbox"/>
	24.	PCT Written Opinion for PCT/GB98/03081	<input type="checkbox"/>	<input type="checkbox"/>
	25.	PCT International Search Report for PCT/GB98/03081	<input type="checkbox"/>	<input type="checkbox"/>
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